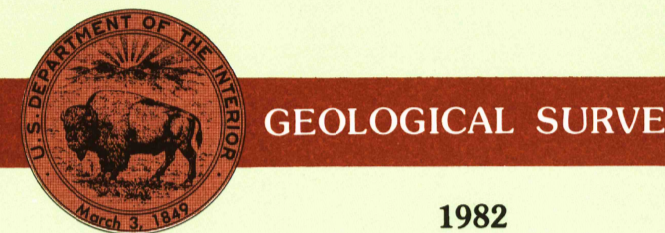


7.5 X 15 MINUTE QUADRANGLE  
SHOWING

- Contours and elevations in meters
- Highways, roads and other manmade structures
- Water features
- Woodland areas
- Geographic names



GEOLOGICAL SURVEY

1982

Produced by the United States Geological Survey  
in cooperation with Massachusetts Department  
of Public Works

Control by USGS, NOS/NOAA, and Massachusetts Geodetic Survey  
Compiled by photogrammetric methods from aerial photographs  
taken 1980. Field checked 1981. Map edited 1982  
Supersedes Ware and North Brookfield 1:25,000-scale  
maps dated 1969 and 1967

Projection and 1000-meter grid, zone 19: Universal  
Transverse Mercator  
10,000-foot grid ticks based on Massachusetts coordinate  
system, mainland zone, 1927 North American Datum  
To place on the predicted North American Datum 1983  
move the projection lines 5 meters south and 39 meters  
west as shown by dashed corner ticks

There may be private inholdings within the boundaries of  
the National or State reservations shown on this map

CONTOUR INTERVAL 3 METERS  
NATIONAL GEODETIC VERTICAL DATUM OF 1929  
CONTROL ELEVATIONS SHOWN TO THE NEAREST 0.1 METER  
OTHER ELEVATIONS SHOWN TO THE NEAREST 0.3 METER

THIS MAP COMPLES WITH NATIONAL MAP ACCURACY STANDARDS

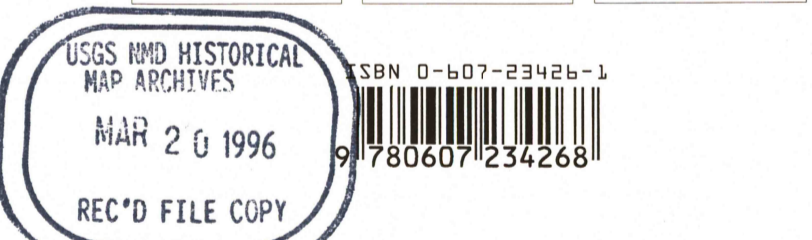
FOR SALE BY U.S. GEOLOGICAL SURVEY  
DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS		
Meters	Feet	Magnetic Declination		1	2	3
1	3.2808	15° 10' N		1	2	3
2	6.5617	100° 34' E		4	5	6
3	9.8425			7	8	9
4	13.1234					
5	16.4042					
6	19.6850					
7	22.9659					
8	26.2467					
9	29.5275					
10	32.8084					

To convert meters to feet multiply by 3.2808  
To convert feet to meters multiply by 0.3048

UTM grid convergence (1983 and 1982 magnetic declination (MM)) at center of map  
Diagram is approximate

1	Shutesbury
2	Ware
3	Wareham
4	Wareham North
5	Wareham South
6	Wareham West
7	Wareham East
8	Wareham South



Topographic Map Symbols

Primary highway, hard surface	
Secondary highway, hard surface	
Light-duty road, hard or improved surface	
Unimproved road; trail	
Route marker: Interstate; U. S. State	
Railroad: standard gage; narrow gage	
Bridge: drawbridge	
Footbridge; overpass; underpass	
Built-up area: only selected landmark buildings shown	
House; barn; church; school; large structure	
Boundary:	
National, with monument	
State	
County, parish	
Civil township, precinct, district	
Unincorporated city, village, town	
National or State reservation; small park	
Land grant with monument; found section corner	
U. S. public lands survey; range, township, section	
Range, township; section line: location approximate	
Fence or field line	
Power transmission line, located tower	
Dam; dam with lock	
Cemetery; grave	
Campground; picnic area; U. S. National monument	
Woodmill; water well; spring	
Mine shaft; prospect; adit or cave	
Control: horizontal station; vertical station; spot elevation	
Contours: index; intermediate; supplementary; depression	
Dashed surface: strip, muck, sand, gravel	
Bathymetric contours: index; intermediate	
Perennial lake and stream; intermittent lake and stream	
Rapids, large and small; falls, large and small	
Submerged marsh; marsh, swamp	
Land subject to controlled inundation; woodland	
Scrub; mangrove	
Orchard; vineyard	

A pamphlet describing topographic maps is available on request

